B988	**CHRISTOPHER SEMISOLID BRUCELLA MEDIUM BASE**

Formula

Ingredients :	**gms/lit.**
Casein enzymic hydrolysate	10.00
Peptic digest of animal tissue	10.00
Dextrose	1.00
Yeast extract	2.00
Sodium chloride	5.00
Sodium bisulphite	0.10
Sodium pyruvate	0.50
Agar	1.50

Final pH (at 25°C):Self

Directions :

Suspend 15.05 grams in 500 ml distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 50°C and aseptically add rehydrated contents of 1 vial of Campylobacter Supplement-I, Blaser-Wang (BF013). Mix well and dispense in tubes as desired. Allow the tubes to cool in an upright position.

Principle :

Peptic digest of animal tissue, yeast extract and casein enzymic hydrolysate provide growth nutrients. Dextrose is utilized as an energy source. The antibiotic supplement makes the medium selective for the isolation of Campylobacter species. Sodium bisulphite is a reducing agent and sodium chloride maintains osmotic equilibrium of the medium. Sodium pyruvate serves to enhance the growth of Campylobacter species.

QC Tests – (I)Dehydrated Medium		
	Colour :	Cream to yellow
	Appearance :	Homogeneous Free Flowing powder
(II)Rehydrated medium		
	pH (post autoclaving/heating) :	Self
	Colour (post autoclaving/heating) :	Yellow
	Clarity (post autoclaving/heating):	Clear to slightly opalescent
(III)Q.C. Test Microbiological		
	Cultural characteristics observed with added Campylobacter Supplement-I, Blaser-Wang(BF013) in microaerobic atmosphere (5% O2 +10% CO2 + 85% N2), after an incubation after at 42°C for 48 hours.	
	MICROORGANISM (ATCC)	GROWTH
	Campylobacter coli (33559)	good-luxuriant
	Campylobacter jejuni (29428)	good-luxuriant

Precautions :	1. For Laboratory Use.
	2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.
Limitations :	1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.
Use :	It is used for the selective enrichment of Campylobacter species from food.
Storage :	Dehydrated medium- below 8°C Prepared medium– Between 2 to 8°C.
Packing :	500 gm bottle

Product profile:	Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B988	30.1 g/l	16.61 L	Self	Campylobacter Supplement-I, Blaser-Wang (BF013)	121^0C / 15 minutes

Rev: December 2020